

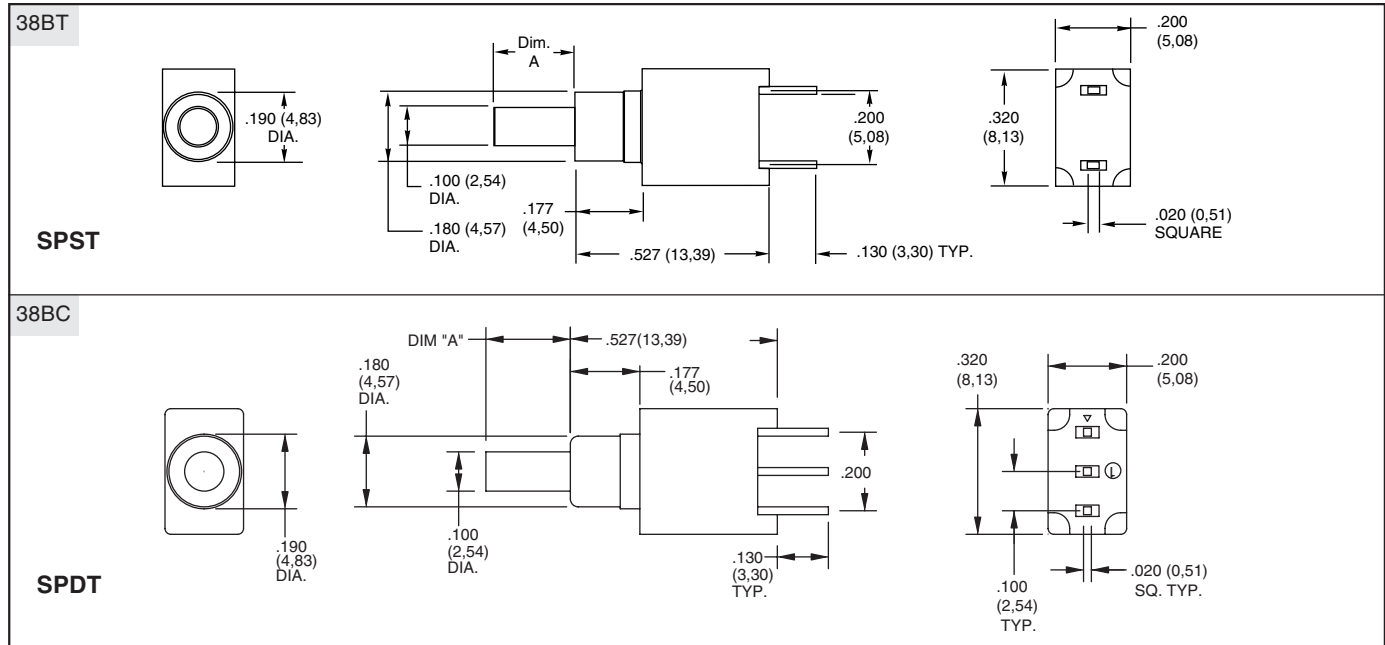
**SERIES 38BT and 38BC**  
**Sub-Miniature Vertical PC Mount**

**FEATURES**

- Actuates at Right Angle to Printed Circuit Board
- Drop-In Replacement for Industry Standard
- SPST and SPDT, Momentary Contact
- Sealed Plunger Option



**DIMENSIONS** In inches (and millimeters)



Unless otherwise indicated, tolerances are ± .010 (0,25)

**SPECIFICATIONS**

**Electrical Ratings**

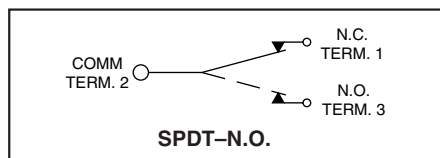
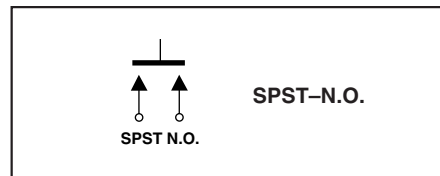
- Operating Life:** 80,000 make-and-break cycles at full load
- Contact Rating (resistive load):**  
*Gold Contacts:* 0.4 VA maximum at 20 Vac or Vdc  
*Silver Contacts:* 1.0 Amp maximum at 120 Vac or 28 Vdc
- Contact Resistance:** Below 20 milliohms typical initial at 2-4 Vdc, 100 mA, for both silver and gold-plated contacts

- Insulation Resistance:** 1000 megaohms minimum
- Voltage Breakdown:** 1000 Vrms minimum at sea level
- Operating Temperature:** -30°C. to +85°C.
- Solderability:** Per MIL-STD-202F, Method 208D, or EIA RS-186E, Method 9 (1 hour steam aging)

**Materials and Finishes**

- Base and Cover:** Thermoplastic (UL 94V-0)
- Plunger:** Thermoplastic (UL 94V-0), (S versions include an internal o-ring seal)
- Terminals:** Copper alloy, gold or silver plate (as specified) over nickel plate
- Spring:** Plated music wire
- Contact System:** Copper alloy, gold or silver plate (as specified) over nickel plate

**CIRCUITRY**



**ORDERING INFORMATION**

**Series:** 38BT = SPST, Momentary, Thru-Hole  
 38BC = SPDT, Momentary, Thru-Hole

**Dimension A:** 0 = 0.020" 4 = 0.215"

**38BT-4-V-3-S**

**Seal:** S = O-Ring Seal, N = No Seal

**Contact Material:** 1 = Solder Dip over Gold  
 2 = Solder Dip over Silver  
 3 = Gold - RoHS Compliant  
 4 = Silver - RoHS Compliant

**Orientation:** V = Vertical to PCB

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